

# ILLINOIS WEATHER & CROPS



**ILLINOIS  
AGRICULTURAL  
STATISTICS SERVICE**

Box 19283, Springfield, IL 62784-9283

Phone: (217) 492-4295

**U. S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION**

Midwest Agricultural  
Weather Service Center  
Purdue University  
West Lafayette, Indiana 47907  
Phone: (317) 743-2272



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## CROPS

Crop conditions and soil moisture improved or remained relatively the same for the Northwest, Northeast, East-Southeast, Southwest, and Southeast Districts; on the other hand, crop conditions and moisture supplies deteriorated somewhat over most of the central one-third of the State. Over half the state reported an eighty-five percent or more shortage of soil moisture. All crops continue to be progressing ahead of average due to the heat. Farmers have been baling hay, mowing set-aside and roadsides, and spraying for insects. For the week of July 25-31, there was an average of five and one-half days reported as suitable for fieldwork.

On August 2, 82% of the **CORN** acreage was in the dough stage compared to 67% last year and the 5-year average (1982-86) of 46%. Thirty percent of the corn was in the dent stage compared to 19% last year and the average of 9%. Condition of the corn crop on July 31 was reported to be 17% excellent, 57% good, 22% fair and 4% poor.

On August 2, 87% of the **SOYBEANS** were setting pods compared to 64% last year and the average of 53%. Conditions of the soybean crop on July 31 was reported to be 4% excellent, 75% good, 18% fair, and 3% poor.

On August 2, 99% of the **OATS** acreage was harvested, compared to 96% last year and the average of 81%.

Condition of the **SORGHUM** crop on July 31 was rated as 8% excellent, 88% good, and 4% fair. On August 2, 80% of the sorghum acreage was headed compared to 72% last year.

On August 2 the third cutting of **ALFALFA HAY** was 43% complete, compared to 18% last year and the average of 19%. Condition of the crop on July 31 was reported as 4% excellent, 38% good, 52% fair, 5% poor, and 1% very poor.

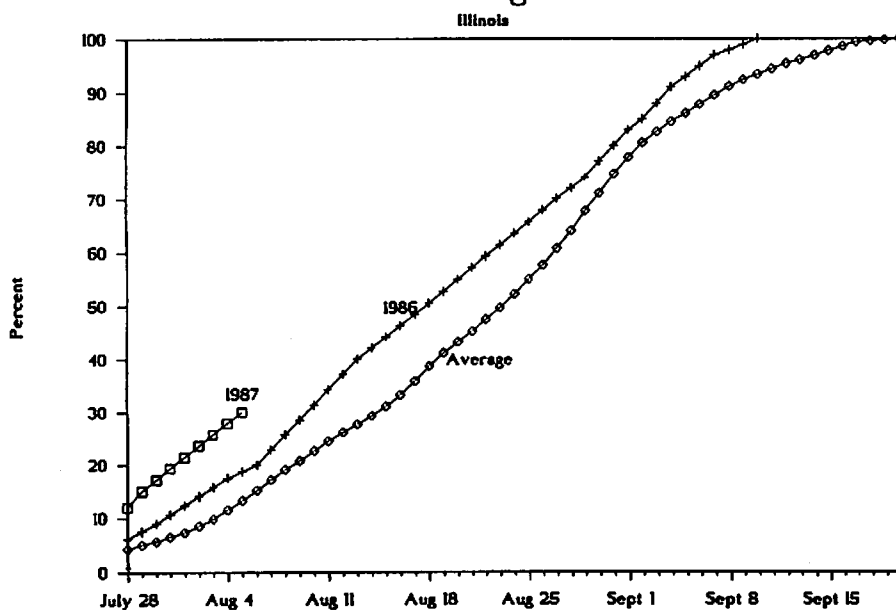
**PASTURE** condition on July 31 was reported to be 7% excellent, 38% good, 29% fair, 17% poor, and 9% very poor.

**SOIL MOISTURE** on July 31 was reported as 59% short, 39% adequate, and 2% surplus.

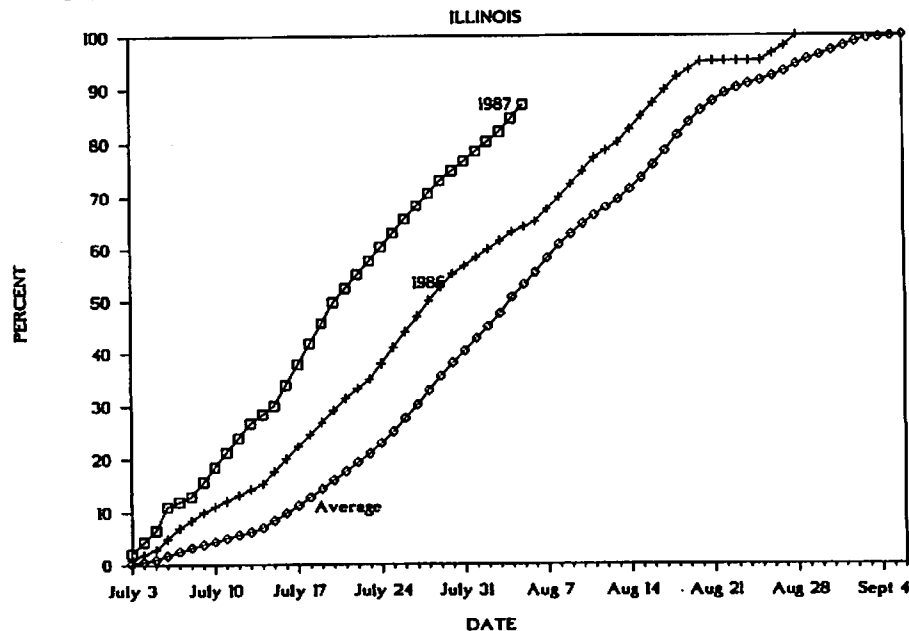
# ILLINOIS CROP REPORTING DISTRICT SUMMARY

| District       | : | % Corn               | : | Days suit- | : | Soil                |          |         |  |
|----------------|---|----------------------|---|------------|---|---------------------|----------|---------|--|
|                | : | acreage              | : | able for   | : | Moisture Percent    |          |         |  |
|                | : | dented               | : | fieldwork  | : | Short               | Adequate | Surplus |  |
| -----          |   |                      |   |            |   |                     |          |         |  |
|                | : | Week ending August 2 |   |            |   | Week ending July 31 |          |         |  |
| Northwest      | : | 20                   |   | 6.0        |   | 85                  | 15       | 0       |  |
| Northeast      | : | 5                    |   | 4.5        |   | 20                  | 80       | 0       |  |
| West           | : | 45                   |   | 6.5        |   | 90                  | 10       | 0       |  |
| Central        | : | 35                   |   | 5.5        |   | 85                  | 15       | 0       |  |
| East           | : | 25                   |   | 5.5        |   | 90                  | 10       | 0       |  |
| West-Southwest | : | 40                   |   | 6.5        |   | 100                 | 0        | 0       |  |
| East-Southeast | : | 35                   |   | 4.5        |   | 5                   | 80       | 15      |  |
| Southwest      | : | 40                   |   | 5.5        |   | 20                  | 80       | 0       |  |
| Southeast      | : | 40                   |   | 5.5        |   | 35                  | 65       | 0       |  |
| -----          |   |                      |   |            |   |                     |          |         |  |
| State          | : | 30                   |   | 5.5        |   | 59                  | 39       | 2       |  |
| 5-Yr. Avg.     | : | 9                    |   |            |   |                     |          |         |  |

## Corn - Acreage Dented



## SOYBEANS - PERCENT ACREAGE SETTING PODS



# WEATHER

EXTREME TEMPERATURES HIGHLIGHTED THE WEEK IN ILLINOIS WITH MAXIMUMS REACHING THE 100-DEGREE MARK AT MANY WEST, CENTRAL AND SOUTHWEST LOCATIONS OVER THE WEEKEND. AVERAGE TEMPERATURES FOR THE WEEK RANGED FROM 2 TO 10 DEGREES ABOVE NORMAL WITH GREATEST DEPARTURES IN WEST-CENTRAL ILLINOIS.

PRECIPITATION WAS HIGHLY VARIABLE. WEEKLY ACCUMULATIONS OF AN INCH OR MORE WERE INTERSPERSED WITH TOTALS OF LESS THAN A HALF-INCH AROUND THE STATE. THE GREATEST CONCENTRATION OF ABOVE NORMAL RAINS WAS IN CENTRAL ILLINOIS.

IN THE WEEK AHEAD SOME TEMPERATURE RELIEF WILL BE FELT OVER THE NORTHERN HALF OF THE STATE TUESDAY THROUGH THURSDAY WHILE WARM AND HUMID CONDITIONS PERSIST IN THE SOUTH. HIGHS WILL RANGE FROM MID-80's TO MID-90's OVER THE LENGTH OF THE STATE DURING THE LATTER HALF OF THE WEEK. LOWS WILL RANGE BETWEEN MID-60's AND MID-70's. MINIMAL THUNDERSTORM ACTIVITY WEDNESDAY WILL BE FOLLOWED BY INCREASING CHANCES IN THE SOUTH THURSDAY AND THROUGHOUT THE STATE FRIDAY.

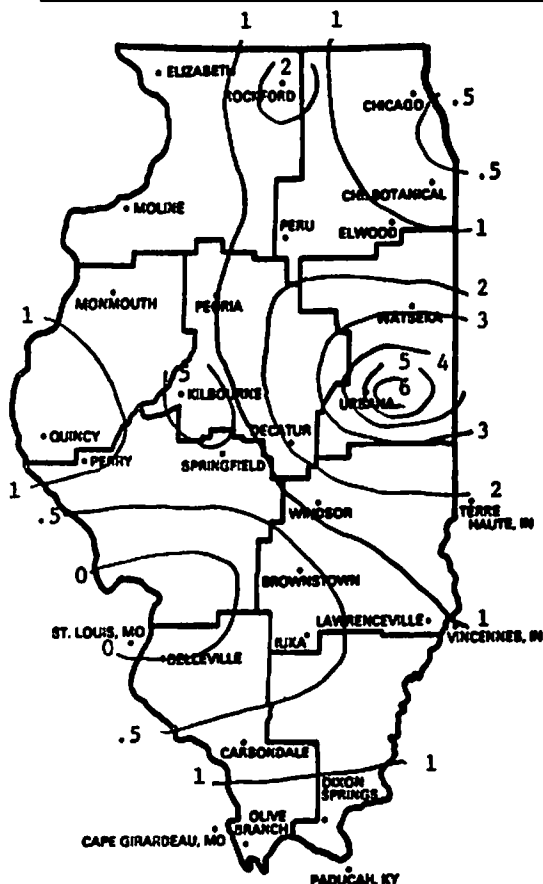
Week ending 8 A.M. Monday, August 3, 1987

| Location      | Temperatures |         |          | Precipitation |          |                | Growing Degree Days(50F) |          |               |
|---------------|--------------|---------|----------|---------------|----------|----------------|--------------------------|----------|---------------|
|               | : Maxi-      | : Mini- | : Depar- | : Curr.:      | : Since: | : Departure    | : Curr.:                 | : Since  | : Departure   |
|               | : mum        | : mum   | : ture   | : week        | : May 1: | : since May 1: | : week                   | : May 1: | : since May 1 |
| ELIZABETH     | 89           | 70      | 7        | 0.77          | 6.88     | -5.98          | 194                      | 1920     | 266           |
| ROCKFORD      | 88           | 70      | 6        | 2.90          | 12.13    | -1.14          | 196                      | 2038     | 376           |
| CHICAGO       | 89           | 62      | 2        | 0.33          | 7.95     | -3.33          | 188                      | 2063     | 420           |
| CHI BOTANICAL | 87           | 69      | 3        | 0.41          | 9.30     | -2.56          | 189                      | 1916     | 118           |
| ELWOOD        | 89           | 68      | 5        | 1.10          | 11.43    | -1.11          | 188                      | 2044     | 359           |
| WATSEKA       | 89           | 68      | 5        | 2.44          | 9.83     | -3.83          | 195                      | 2071     | 264           |
| PERU          | 92           | 71      | 6        | 0.35          | 9.15     | -3.12          | 201                      | 2085     | 214           |
| MOLINE        | 97           | 73      | 10       | 0.57          | 6.77     | -7.01          | 210                      | 2208     | 374           |
| PEORIA        | 95           | 73      | 9        | 1.95          | 7.86     | -4.19          | 211                      | 2203     | 352           |
| KILBOURNE     | 96           | 73      | 9        | 0.16          | 7.49     | -5.07          | 211                      | 2265     | 314           |
| MONMOUTH      | 97           | 71      | 9        | 0.77          | 5.76     | -6.75          | 204                      | 2132     | 251           |
| QUINCY        | 95           | 73      | 8        | 1.21          | 9.72     | -3.37          | 212                      | 2275     | 313           |
| PERRY         | 92           | 73      | 6        | 1.63          | 7.99     | -4.31          | 203                      | 2119     | 115           |
| SPRINGFIELD   | 94           | 73      | 7        | 0.16          | 8.77     | -2.20          | 211                      | 2316     | 319           |
| DECATUR       | 91           | 71      | 5        | 2.80          | 13.46    | 0.32           | 205                      | 2252     | 264           |
| URBANA        | 92           | 70      | 6        | 6.27          | 13.04    | 0.77           | 202                      | 2200     | 300           |
| WINDSOR       | 89           | 68      | 3        | 1.98          | 10.76    | -2.16          | 193                      | 2215     | 219           |
| TERRE HAUTE   | 89           | 70      | 4        | 1.05          | 14.64    | 1.90           | 199                      | 2216     | 304           |
| ST LOUIS      | 97           | 77      | NA       | 0.00          | 10.29    | NA             | 226                      | 2496     | NA            |
| BELLEVILLE    | 94           | 71      | 5        | 0.00          | 11.37    | -0.15          | 205                      | 2340     | 271           |
| BROWNSTOWN    | 93           | 70      | 5        | 0.30          | 8.44     | -4.44          | 202                      | 2327     | 324           |
| IUKA          | 93           | 69      | 3        | 0.05          | 10.54    | -1.33          | 196                      | 2234     | 155           |
| LAWRENCEVILLE | 91           | 69      | NA       | 1.06          | 12.08    | NA             | 197                      | 2277     | NA            |
| VINCENNES     | 92           | 69      | 4        | 1.05          | 12.49    | -0.56          | 198                      | 2289     | 275           |
| DIXON SPRINGS | 93           | 69      | 2        | 1.48          | 14.13    | 1.58           | 198                      | 2342     | 164           |
| PADUCAH       | 96           | 72      | 5        | 0.14          | 7.91     | -5.14          | 207                      | 2467     | 271           |
| OLIVE BRANCH  | 93           | 69      | 3        | 1.78          | 11.19    | -2.04          | 198                      | 2405     | 266           |
| CARBONDALE    | 94           | 67      | 3        | 0.25          | 10.60    | -2.04          | 190                      | 2287     | 186           |
| C GIRARDEAU   | 93           | 73      | NA       | 1.36          | 14.58    | NA             | 211                      | 2494     | NA            |

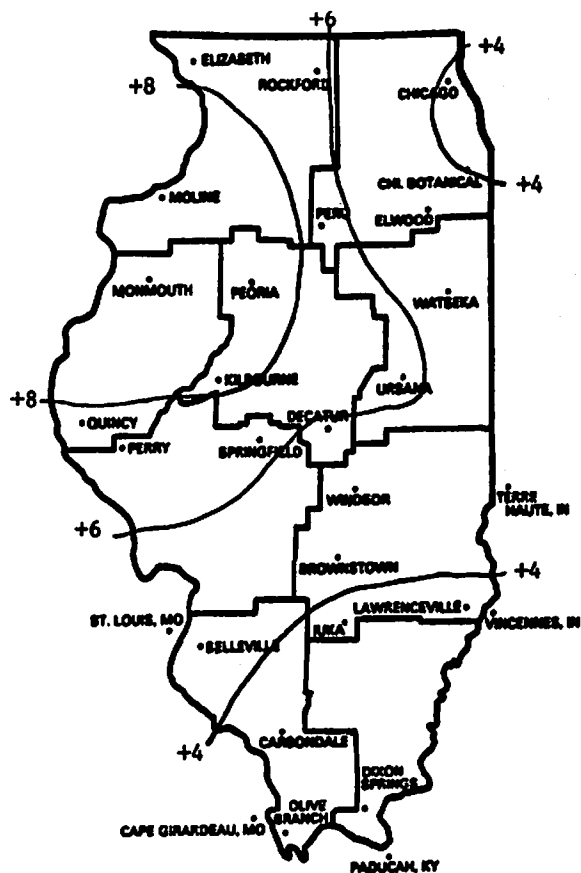
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PRECIPITATION (INCHES)  
JULY 28-AUGUST 3, 1987



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) JULY 28-AUGUST 3, 1987

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.